



# Nesbitt-Elliott Playhouse Theater Technical Information

---

Mesa Arts Center

9/5/2014

Mesa Arts Center  
Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

**Table of Contents**

General Information ..... 4  
    Area Hotels:..... 4  
Management..... 5  
    Green Room: ..... 5  
    Policies: ..... 5  
Load-In Area..... 5  
    Load-In Access to Stage:..... 5  
    Directions: ..... 5  
Carpentry ..... 6  
    Seating:..... 6  
    Stage Dimensions/ Floor type ..... 6  
    Ground plan ..... 7  
    Line Set Data: ..... 8  
    House Line Set Plot: ..... 9  
    Support Areas: ..... 10  
Lighting..... 11  
    Power: ..... 11  
    Control: ..... 11  
    Dimmers:..... 11  
    Circuits: ..... 11  
    Circuit Locations:..... 12  
    Equipment Inventory: ..... 13  
    House Lighting Plot Description..... 13  
Audio ..... 14  
    Power: ..... 14  
    Control Location:..... 14  
    Hearing Assist System: ..... 14

Mesa Arts Center  
Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

Paging System: ..... 14

Production Communication: ..... 14

Equipment Inventory: ..... 14

Props ..... 15

    Music: ..... 15

    Platforms: ..... 15

    Dance Floor: ..... 15

    Lecturns: ..... 15

Wardrobe ..... 16

    Dressing Rooms: ..... 16

    Wardrobe Area: ..... 16

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### General Information

#### Technical Services:

Technical Director

Michael Tipton

P: (480) 644-6590

F: (480) 644-6594

[E: Michael.Tipton@mesaartscenter.com](mailto:Michael.Tipton@mesaartscenter.com)

Assistant Technical Director

Jason Krull

P: (480) 644-6591

F: (480) 644-6594

[E: Jason.Krull@mesaartscenter.com](mailto:Jason.Krull@mesaartscenter.com)

Assistant Technical Director

Robby Elliott

P: (480) 644-6597

F: (480) 644-6594

[E: robby.elliott@mesaartscenter.com](mailto:robby.elliott@mesaartscenter.com)

#### Programming:

Director of Theater and Operations

Randy Vogel

P: (480) 644-6603

[E: Randell.Vogel@mesaartscenter.com](mailto:Randell.Vogel@mesaartscenter.com)

#### Box Office:

Andrew Douglas

P: (480) 644-6507

[E: Andrew.Douglas@mesaartscenter.com](mailto:Andrew.Douglas@mesaartscenter.com)

#### Rental Contact:

Kim Forbes

P: (480) 644-6580

[E: Kimberly.Forbes@mesaartscenter.com](mailto:Kimberly.Forbes@mesaartscenter.com)

#### Area Hotels:

##### Marriott Mesa

200 North Centennial Way

Mesa, AZ 85201

P: (480) 898-8300

##### Comfort Inn and Suites

651 East Main Street

Mesa, AZ 85201

P: (480) 621-6375

##### Best Western Mezona Inn

250 West Main Street

Mesa, AZ 85201

P: (480) 834-9233

##### Holiday Inn

1600 S Country Club Drive

Mesa, AZ 85210

P: (480) 863 - 4780

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Management

#### Green Room:

There is a small green room with an outdoor patio located center of the upstage hallway.

#### Policies:

- Lobby typically opens 1 hour prior to curtain with house opening 30 minutes prior to curtain. Normal curtain time is 7:00 PM
- The Fire Curtain must not be obstructed in any manner which could prevent its complete contact with the stage floor when deployed.
- All scenery, drops and fabric must be *flame proofed*. *Random testing of articulated will occur.*
- *All wood must be flame proofed (fire treated).*
- All doors in the Facility are Fire rated and must not be obstructed in any way to prevent their closure.

### Load-In Area

#### Load-In Access to Stage:

- Two loading docks at stage level.
- Dock can accommodate 1 53' trailer (tractors have to detach), and 1 box truck simultaneously
- Driver must remain to move truck if necessary.
- Loading dock doors 10'W x 10'H
- Interior stage door is 8'11"W x 12' H
- Cargo must be ramped off or lifted off trucks. Loading Doors are at street level.
- There is no forklift on site
- Trucks and trailers must be moved to south surface lot
- *\*Storage is NOT available at the Mesa Arts Center. All items must leave at load-out.*
- This dock is shared with Piper Theater, and Studio Theater.

#### Directions:

1. From Phoenix take Loop 202 East.
2. Exit Country Club Drive and head south to Main St.
3. Turn Left (East) on Main St. and travel a half mile until you come to Serrine/Centennial Way
4. Turn Right (South) on Serrine/Centennial Way
5. Take your first right into the service drive behind the Sunrise Bank. Follow the drive as it curves to the left. Park on the left, Performer entrance is on the right at the glass doors.

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Carpentry

#### Seating:

House Capacity – 200

<b>Orchestra Section</b>
176 Fixed
20 Loose Chairs
4 Wheelchair

#### Stage Dimensions:

Proscenium width: 30'

Proscenium height: 18'

SL Locking Rail to SR wall: 68'

Stage Left wing: 18'

Stage Right wing 20'

Plaster line to back wall: 31' 4 1/2"

Plaster line to last line set (37): 30'9"

Control Room to Plaster Line: 42'

House Mix Position to Plaster Line: 42'

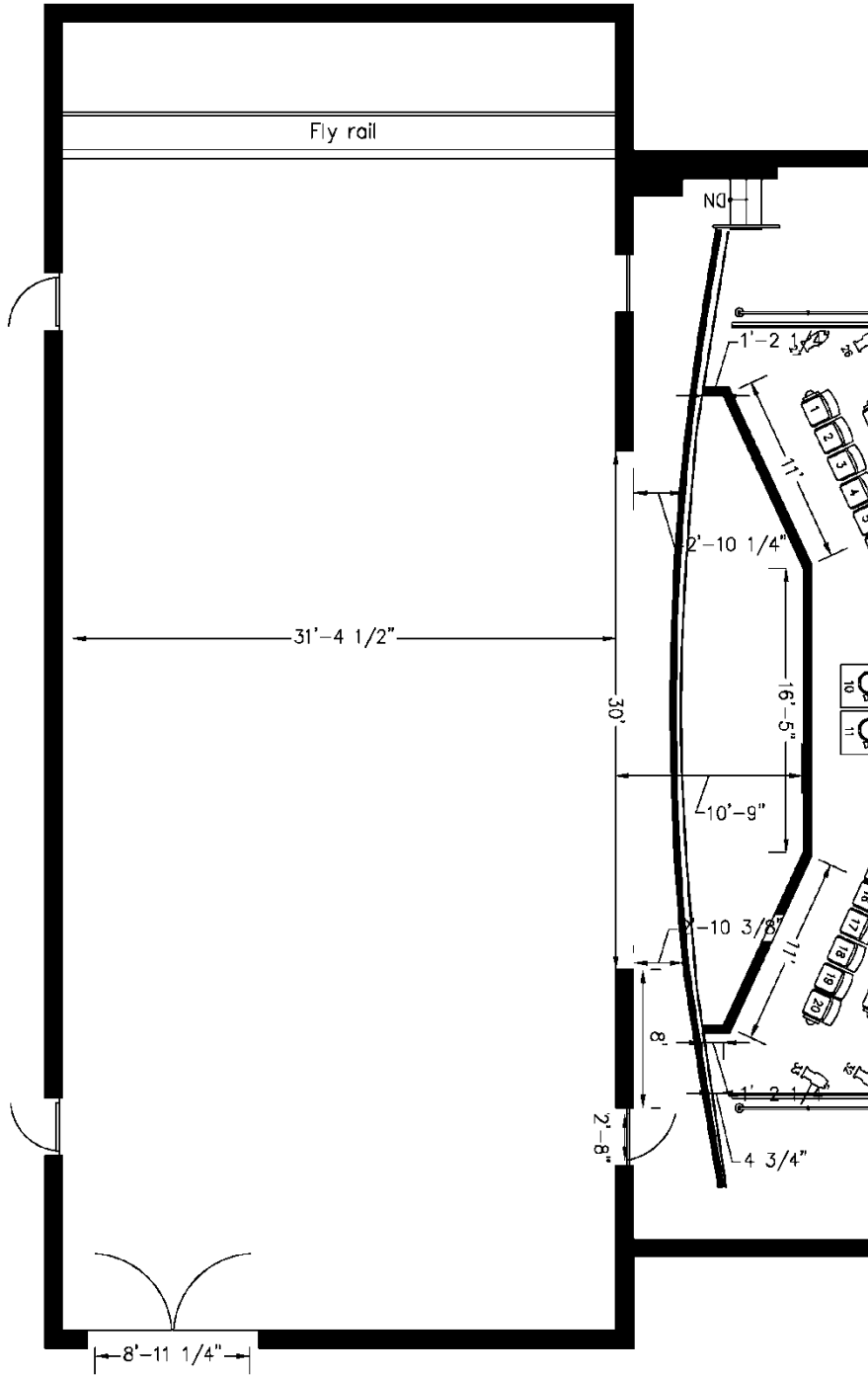
Gridiron: 51'

#### Stage Floor

- Resilient wood floor topped with 1/4" masonite painted black
- Lagging is allowed. All holes must be plugged after use
- No Traps are available

# Mesa Arts Center Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594



# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
 Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

House Draperies (Goods):

Draperies	Quantity	Size	Fullness	Fabric	Lining	Color	Notes
Main Border	1	44' x 8'	75% Sewn In	25 oz Velour	Black Ranger	Maroon	Nap Up
Main Drape	2	24' x 20'	75% Sewn In	25 oz Velour	Black Ranger	Maroon	Nap Up
Border	5	44' x 4'	None	25 oz Velour	None	Black	Nap Down
Leg	10	9' x 20'	None	25 oz Velour	None	Black	Nap Down
Full Stage Black	2	24' x 24'	None	20 oz Velour	None	Black	Nap Down
Cyclorama	1	44' x 24'	None	Lino	None	White	Seamless
Black Scrim	1	44' x 24'	None	Sharktooth	None	Black	
Tabs	6	8' x 20'	None	25 oz Velour	None	Black	Nap Down
Z-Tech Border	35	10' 3'	None	Heat Stop	None	Black	Shared
Z-Tech Border	10	4' x 10'	None	Heat Stop	None	Black	Shared

**Line Set Data:**

**Working Height of Battens:**

- High Trim: 46''
- Low Trim: 3'

**Battens:** 37 Battens, 44' Long Schedule 40

**Type:** Single Purchase

**Arbor Capacity:** Varies. (See Line Set Schedule pg. 9)

**Available Weight:** Located Stage Left Mid-Rail and Stage Left Loading Rail

**Loading Galleries:** 2 Located Stage Left at 27' and 47' above stage floor

**Pin Rail:** Located Stage Left at 3' 6''

**Side Ladders:** There are 4 sets of ladders that are on tracks on either side of stage. 24' from center line. These ladders do fly.

**Side Tab Curtains:** There are 6 side curtains, 3 on each side. 26' from center line. These side tabs do fly.



# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
 Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### House Line Set Plot:

LINE SET	FROM PROSC.	DESCRIPTION	BATTEN LENGTH	BATTEN TYPE	ARBOR LENGTH	WEIGHT WIDTH	ARBOR CAP (LIVE)
SLT	0'6"	STAGE LEFT TABS	26'7"	PIPE	9'	4"	1000
MT	1'	MAIN TEASER	44'	PIPE	10'	4"	1448
1	1' 6"	Don't Use, Hangs Up On Drapes	44'	PIPE	10'	4"	1448
MD	2'	MAIN DRAPE	44'	PIPE	10'	4"	1448
2	2' 6"	Don't Use, Hangs Up On Drapes	44'	PIPE	10'	4"	1448
3	3'	GP LEGS	44'	PIPE	10'	4"	1448
4	3' 6"	GP	44'	PIPE	10'	4"	1448
5	4'	1st Electric	44'	PIPE	10'	4"	1448
6	4' 6"	GP	44'	PIPE	10'	4"	1448
7	5'	GP RP SCREEN	44'	PIPE	10'	4"	1448
8	5' 6"	GP	44'	PIPE	10'	4"	1448
9	6'	GP	44'	PIPE	10'	4"	1448
10	6' 6"	GP	44'	PIPE	10'	4"	1448
11	7'	GP	44'	PIPE	10'	4"	1448
SLL	8' 3"	STAGE LEFT LADDERS	26'7"	TRUSS	9'	6"	1000
12	9'	GP	44'	PIPE	6'	6"	1435
13	9' 9"	GP BORDER	44'	PIPE	6'	6"	1435
14	10' 6"	GP LEGS	44'	PIPE	6'	6"	1435
15	11' 3"	2nd Electric	44'	PIPE	6'	6"	1435
16	12'	GP	44'	PIPE	6'	6"	1435
17	12' 9"	GP	44'	PIPE	6'	6"	1435
18	13' 6"	GP	44'	PIPE	6'	6"	1435
SRL	14' 3"	STAGE RIGHT LADDERS	26'7"	TRUSS	9'	6"	1000
19	15' 9"	GP	44'	PIPE	6'	6"	1435
20	16' 6"	GP Full Stage Black (2 panels)	44'	PIPE	6'	6"	1435
21	17' 3"	GP	44'	PIPE	6'	6"	1435
22	18'	GP BORDER	44'	PIPE	6'	6"	1435
23	18' 9"	GP LEGS	44'	PIPE	6'	6"	1435
24	19' 6"	3rd Electric	44'	PIPE	6'	6"	1435
25	20' 3"	GP	44'	PIPE	6'	6"	1435
26	21'	GP	44'	PIPE	6'	6"	1435
SRT	21' 9"	STAGE RIGHT TAB BATTEN	26'7"	PIPE	5'	6"	1000
27	23' 3"	GP BORDER	44'	PIPE	6'	6"	1435
28	24'	GP LEGS	44'	PIPE	6'	6"	1435
29	24' 9"	GP BLACK SCRIM	44'	PIPE	6'	6"	1435
30	25' 6"	GP	44'	PIPE	6'	6"	1435
31	26' 3"	4 <sup>th</sup> Electric	44'	PIPE	6'	6"	1435
32	27'	GP	44'	PIPE	6'	6"	1435
33	27' 9"	GP STORAGE ELECTRIC	44'	PIPE	6'	6"	1435
34	28' 6"	GP	44'	PIPE	6'	6"	1435
35	29' 3"	GP BORDER + SPARE	44'	PIPE	6'	6"	1435
36	30'	GP LEGS	44'	PIPE	6'	6"	1435
37	30' 9"	CYCLORAMA	44'	PIPE	6'	6"	1435

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201

Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Support Areas:

#### Crossover:

There is no dedicated crossover onstage. Closest crossover is the Upstage Hallway with Access to Stage Right and Stage Left

#### Access:

From Front of House: Hallway Stage Right (House Left) to Upstage Hallway

From Dressing Rooms: Dressing Rooms are located on the 2<sup>nd</sup> floor Upstage Hallway, accessible via stairway in the Upstage Left Hallway.

#### Storage:

There is no dedicated storage space for events. Storage is not available before or after the show. All items must leave at load-out. Loading dock is shared with 2 other theaters, so consult technical department if additional storage space needed during the production. Space is subject to availability depending on other theaters.

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Lighting

#### Power:

Quantity	Voltage	Phase	Amperage	Location	Connection
1	120/208	3 Phase	400a	Stage Right Wall	Cam
2	120/208	3 Phase	200a	Stage Right Wall	Cam

#### Control:

- ETC Element
- 500 Channel Capability
- 1024 Outputs
- 60 Submasters

#### Dimmers:

- 178 ETC Sensor Dimmers, 2.4kW dimmer
- 24 ETC Sensor Dimmers, 2.4 kW dimmer (Starting Address 250)
- 1 ETC Sensor Dimmers, 6kw dimmer

#### Circuits:

- 178 - 2.4kw circuits. Fixed Positions on Stage Right and Stage Left catwalks with socopex multicable connections. See Attachment for specific locations
- 24 – 2.4kw circuits. Provides 12 circuits to S.L. Ladders, and 12 circuits to S.R. Ladders via socopex.
- There is no front of house transfer

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
 Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Circuit Locations:

Location	Dimmers
Rear Catwalk	1 – 21
House Right Catwalk	22 – 27
House Left Catwalk	28 – 33
Above Proscenium Dead Hung	34 – 45
Grid (Up Stage Center)	52
Stage Left Gallery	53 – 88 (6 Soco Connections ran to grid and down to elec)
Stage Right Gallery	89 – 130 (7 Soco Connections ran to grid and down to elec)
Down Stage Right Wall (Stage level)	140, 141
Down Stage Left Wall (Stage level)	142, 143
Up Stage Right Wall (Stage level)	177
Up Stage Left Wall (Stage level)	178
Stage Right Floor (Floor Pockets)	144 – 152
Stage Left Floor (Floor Pockets)	153 – 161
Up Stage Floor (Floor Pockets)	162 – 176
Down Stage Floor (Floor Pockets)	131 – 139
House Right Torm (in Proscenium)	46 – 48
House Left Torm (in Proscenium)	49 – 51
House Lights	182 – 192

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201

Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Equipment Inventory:

#### Stage Instruments:

Quantity	Brand	Type	Wattage
20	ETC Source 4	19 Degree	575wt
10	ETC Source 4	26 Degree	575wt
59	ETC Source 4	36 Degree	575wt
40	ETC Source 4	50 Degree	575wt
48	ETC Fresnel	7" Fresnel	575wt
5	L&E	3 Cell Cyc	1kw
8	Ground Strip	6 Cell	1kw

**Cable:** Soco, Stage pin and 2-fers are available. Much of it is used in the house plot.

### House Lighting Plot Description

- The Playhouse Theater house lighting plot is capable of up to 4 different top color washes on stage.
- A two color high side wash is available from the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> over stage (S4's)
- 3 fixtures are also available on each electric for overhead specials
- 2 separate washes are possible from FOH using 20 Source Four 19 degree fixtures.
- High Sides from FOH also available.
- Up to 3 color Cyclorama wash (red, green, blue or amber) is also available
- Please speak to the MAC Assistant Technical Director to request a plot or for more information
- Lighting ladders have 12 S4 36 degree each side of stage with single circuits from separate dimmer rack located on the Stage Right Mid-rail

### Extra equipment available

- 4 High End Systems AF1000 Dataflash Strobe (Subject to availability)
- Ultratec FX Radiance Haze Generator (Subject to availability)
- Rosco 1700 Smoke Generator (Subject to availability)
- Ultratec LSG PFI-9D Low Fog Generator (Subject to availability & additional equipment needed from outside vendor)
- Rosco Vortex gobo rotators (Subject to availability)

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Audio

#### Power:

See Lighting Section for Power Availability

#### Control Location:

Located center in the control booth. Windows can be opened. Apx 40' from plaster line.

#### Hearing Assist System:

Infrared hearing assist system is available to patrons via the house management staff. Group must provide 1 line level output to feed the hearing assist and backstage audio feed.

#### Paging System:

Paging System to the US Hallway, Upstairs Dressing Room Hallway and Dressing Rooms. Paging locations are located DSR, DSL and in the Lighting Control Booth.

Video Feed of the stage can be fed to DSL, DSR, USR, Control booth, and Greenroom.

#### Production Communication:

2 Channel Clear-Com Production Communication System. 4 wired belt packs available, 1 Clear-Com Squawk Boxes available.

#### Equipment Inventory:

##### Front of House Mixing Consoles:

- Behringer X32

##### Processing Gear:

- 1 DBX 2231 Graphic Eq/Limiter (Patched to booth monitors)
- 1 Tascam MD-CD1 CD Player/Mini Disc Player (independent playback, and auto pause feature)
- 1 Denon CDR-W1500CD Player/ CD-R dual deck. (combined output, no auto pause feature)
- 1 Furman PL-plus Series Power conditioner

##### Speaker System: Tannoy P.A. package (comes with rental of PlayhouseTheater)

- 2 Tannoy V15 Full range cabinets (1 per side)
- 2 Crown Macro-Tech 1202 amps. (1 channel to each V15, 1 spare amp for passive monitors)
- 2 Tannoy B475 Subwoofers (1 per side, parallel off of an aux send)
- 1 Crown Macro-Tech 2402 amp. (1 channel to each sub)
- 2 Channels of Monitor Amplification
- 2 Yamaha CM-15V Stage Monitors

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201  
Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Microphones:

Playhouse Rental Inventory (comes with rental of Playhouse Theater)

#	Make/Model	Type
4	Shure SM 58	Dynamic Cardioid Vocal
4	Shure SM 57	Dynamic Cardioid Instrument
4	Sennheiser E-614	Condenser Cardioid Instrumental
4	Crown PCC 160	Condenser Unidirectional Boundary
2	Audio Technica U853R	Condenser Cardioid Choir mic
4	DOD 265	Direct input box
1	PG-48	Dynamic Cardioid Vocal Switched

**Monitor Package:** Monitor console and extra equipment (mics, wedges, etc..) are not included in room. Speak with Jason Krull for more details.

## Props

### Music:

**Chairs:** 200 Wenger Padded Black Chairs (subject to availability)

**Music Stands:** 200 Wenger Music Stands (subject to availability)

**Stand Lights:** 200 Stand Lights (subject to availability)

**Conductor Podium:** Wenger 2 Step Podium with Conductor Music Stand (subject to availability)

### Platforms:

24 Wenger 4'x8' platforms (subject to availability)

8 Wenger 4'x4' platforms (subject to availability)

Legs to raise platforms to 8", 16", 24" and 32" heights(subject to availability)

### Dance Floor:

6 sections of Rosco Dance Floor: 5'3" x 40'

1 section of Rosco Dance Floor: 5'3" x 30' (Proscenium)

### Lecturns:

2 Dalite Black Podiums (subject to availability)

1 Dalite Wood Veneer Podium (subject to availability)

# Mesa Arts Center

## Nesbitt-Elliott Playhouse Theater Technical Information Packet

1 East Main Street, Mesa, AZ 85201

Technical Contacts: Phone: (480)644-6590 Fax: (480) 644-6594

### Wardrobe

#### Dressing Rooms:

- 2 Chorus Dressing Rooms (8-12 person capacity) with 3 showers and 3 Toilet stalls. Located in US 2<sup>nd</sup> Floor Hallway
- 2 Rolling wardrobe racks in each dressing room
- 1 Rolling wardrobe rack in greenroom

#### Wardrobe Area:

- Shared between all theaters at the Mesa Arts Center (Available based on other theaters' needs)
- Located on 2<sup>nd</sup> floor
- 3 iron and 3 ironing boards (Subject to availability)
- 6 steamers (Subject to availability)
- 2 Whirlpool washing machines (Subject to availability)
- 2 Whirlpool dryers (Subject to availability)
- Extra wardrobe racks (Subject to availability)